



(12) **United States Patent**
Tipton et al.

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(54) **SHARING TIMED FINGERPRINT
LOCATION INFORMATION**

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(2013.01); **H04L 63/105** (2013.01); **H04W**
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(58) **Field of Classification Search**

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See application file for complete search history.

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ABSTRACT

Sharing timed fingerprint location information is disclosed. In an aspect, timed fingerprint location information can be associated with a location of a user equipment. This timed fingerprint location information can be shared with other devices. As such, with proper analysis, these other devices can employ the shared timed fingerprint location information to determine their location. In an aspect, the other devices can determine that they are located at the same location as the user equipment. However, a level of error can be inherent in the location determined from shared timed fingerprint location information. In some embodiments, this error can be compensated for.

20 Claims, 10 Drawing Sheets

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